

capable of being connected to the internet 8 or being served with electronic mail service.

An article producing computer 9 is a computer for recording a newly generated article into the WWW server section 2 of the server device 1 by an external article serving (distributing) system or organization, and the newly generated article is transferred simultaneously parallelly to the superparallel computer 6 and/or the data base server section 4 of the server device 1.

The interested article extracting server section 5 is connected to the data base server section 4 and the superparallel computer 6 connected to this data base server section 4 and has a function to automatically produce a searching (indexing) condition equation from an access history of an client or an article interested by the client.

The superparallel computer 6 includes, as shown in Fig. 2, several or several tens of processors 10 (called totally as “pipeline” hereinlater), and has a function capable of simultaneously setting a plurality of different indexing condition equations 12 in this pipeline. When a new article 13 is transmitted from the article producing computer 9 through the simultaneous operation of a number of these processors, an article data is fed to the pipeline 11 and full text search is executed for performing a matching between a plurality of different search condition equations 12 and an article date 14. As a result of such matching operation, when the article data according to the

indexing condition equation 12 is found out, such article data 14 is deemed to be hit. The superparallel computer 6 has such functions as mentioned above.

As such superparallel computer 6, it may be desired to utilize an equipment such as full text search engine (for example, FDF (Registered Trade Mark) 4T TextFinder manufactured by Paracel Inc.), but another equipment or device such as work-station having equivalent function and performance may be also utilized.

The WWW server section 2 is provided with a function for transferring an article data 14h obtained as a result of the full text search of the superparallel computer 6 to an address to be served or Web-page designated by the client.

In the data base server section 4, there is stored a history showing that the client peruses a homepage in a most recent predetermined interval or predetermined article numbers per every client as an access history of a client using the client device 7. Furthermore, it may be possible to also store, together therewith, a result of the statistical processing of natural language having high interest of each client and its significance. Further, it may be possible that clients are classified into and then defined as clients who require the article distribution service and clients who do not require such article distribution service for the purpose of saving access history area, and for the clients who do not want such service, only the peruse history of the homepage is stored.

The article data is composed of article title and article text (body of article) including past received article and is used for selecting and determining the natural language at the time of performing the statistical processing of the access history.

Furthermore, in the data base server section 4, as user informations, there are stored a user ID as personal information of a client, name of user and interested article receiver address (URL, mail address or like).

The interested article serving system of the structures and characters mentioned above will be used by a method, which is described hereunder with reference to Figs. 3 to 5.

Fig. 3 is a flowchart showing procedures in a case of using the interested article serving system of Fig. 1 of the present invention and Fig. 4 includes image views of the client device in such interested article serving system.

First, when the client wants to peruse an article or articles, the client device 7 is connected to the internet 8 to access a Web-page (homepage) on which an interested article is described (Step S1). Next, when the article is perused by the client, the server device 1 obtains a personal information and access history of the client through the WWW server section 2.

Next, in accordance with the obtained personal information of the client, it is investigated whether this client is a client who wants to use an interested article serving system through the reference to the user information